

Title (en)

TRANSFER PRINTING ROLLER, PACKAGED-FILM COATING SYSTEM, AND METHOD FOR PACKAGING FILM

Title (de)

ÜBERTRAGUNGSROLLE, BESCHICHTUNGSSYSTEM FÜR EINGEKAPSELTEN LEIMFILM UND VERFAHREN ZUM EINKAPSELN DES LEIMFILMS

Title (fr)

CYLINDRE D'IMPRESSION PAR TRANSFERT, SYSTÈME D'ENDUCTION DE FILM D'EMBALLAGE, ET PROCÉDÉ POUR FILM D'EMBALLAGE

Publication

EP 3031534 A4 20170531 (EN)

Application

EP 15778184 A 20150331

Priority

- CN 201410624528 A 20141107
- CN 2015075500 W 20150331

Abstract (en)

[origin: EP3031534A1] An encapsulating glue film coating system and a transfer roller thereof, and a method of forming an encapsulating glue film are provided. The encapsulating glue film coating system comprises: a support platform configured to carry a display panel to be encapsulated; a glue liquid storage device configured to provide a glue liquid; a glue liquid input device mounted on the support platform and configured to receive the glue liquid from the glue liquid storage device; and a transfer roller configured to receive the glue liquid from the glue liquid input device. The transfer roller is configured to transfer glue liquid to a coating roller and comprises: a roller body; an absorbing layer disposed around the roller body, the absorbing layer having a plurality of micropores communicating with external environment; and a transfer layer disposed around the absorbing layer for transferring glue liquid to a coating roller, wherein the transfer layer is provided with a plurality of first through-holes, so as to allow impurities to enter the micropores in the absorbing layer. With the encapsulating glue film coating system, glue liquid can be uniformly applied onto the display panel.

IPC 8 full level

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CPC (source: EP US)

B05D 1/28 (2013.01 - US); **H10K 50/844** (2023.02 - US); **H10K 59/873** (2023.02 - EP)

Citation (search report)

- [XA] EP 1069369 A2 20010117 - NICHIA CORP [JP]
- [XA] EP 0581365 A1 19940202 - OCE NEDERLAND BV [NL]
- See also references of WO 2016070557A1

Cited by

CN115415103A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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